

CHEMISTRY DEGREE

International accreditation EUROBACHELOR



ECTS CREDITS	
Basic training (FB)	66
Compulsory (OB)	132
Optional (OP)	24
End-of-degree Project (TFG)	18
Total	240

Centre ([see](#))



CLICK ON THE CODE OF EACH SUBJECT TO ACCESS THE COURSE HANDBOOK

FIRST YEAR

Code	Subject	Credits	Type	Semester
16349	INITIAL EXPERIMENTAL WORK IN CHEMISTRY	6	FB	Annual
16352	COMPUTATIONAL TOOLS FOR CHEMIST	6	FB	Annual
16354	GEOLOGY	6	FB	1
19317	GENERAL CHEMISTRY I	6	FB	1
19319	PHYSICS I	6	FB	1
19321	MATHEMATICS I	6	FB	1
16353	BIOLOGY	6	FB	2
19318	GENERAL CHEMISTRY II	6	FB	2
19320	PHYSICS II	6	FB	2
19322	MATHEMATICS II	6	FB	2

SECOND YEAR

Code	Subject	Credits	Type	Semester
16359	STATISTICS	6	FB	1
19323	ANALYTICAL CHEMISTRY I	6	OB	1
19325	PHYSICAL CHEMISTRY I	6	OB	1
19327	INORGANIC CHEMISTRY I	6	OB	1
19329	ORGANIC CHEMISTRY I	6	OB	1
16360	BIOCHEMISTRY	6	OB	2
19324	ANALYTICAL CHEMISTRY II	6	OB	2
19326	PHYSICAL CHEMISTRY II	6	OB	2
19328	INORGANIC CHEMISTRY II	6	OB	2
19330	ORGANIC CHEMISTRY II	6	OB	2

THIRD YEAR

Code	Subject	Credits	Type	Semester
<u>16367</u>	STRUCTURAL CHARACTERIZATION	6	OB	1
<u>19331</u>	INSTRUMENTAL ANALYTICAL CHEMISTRY I	6	OB	1
<u>19333</u>	PHYSICAL CHEMISTRY III	6	OB	1
<u>19335</u>	ADVANCED INORGANIC CHEMISTRY I	6	OB	1
<u>19337</u>	ADVANCED ORGANIC CHEMISTRY I	6	OB	1
<u>16366</u>	CHEMICAL ENGINEERING	6	OB	2
<u>19332</u>	INSTRUMENTAL ANALYTICAL CHEMISTRY II	6	OB	2
<u>19334</u>	PHYSICAL CHEMISTRY IV	6	OB	2
<u>19336</u>	ADVANCED INORGANIC CHEMISTRY II	6	OB	2
<u>19338</u>	ADVANCED ORGANIC CHEMISTRY II	6	OB	2

FOURTH YEAR

Code	Subject	Credits	Type	Semester
<u>16370</u>	END-OF-DEGREE PROJECT	18	TFG	Annual
<u>16365</u>	MATERIALS SCIENCE	6	OB	1
<u>16368</u>	ADVANCED EXPERIMENTAL WORK	6	OB	1
<u>16369</u>	PROJECTS AND PROCESSES IN THE INDUSTRIAL CHEMISTRY	6	OB	1
	OPTIONAL SUBJECTS	24	OP	1 or 2

FOURTH YEAR - DUAL MENTION

Code	Subject	Credits	Type	Semester
<u>20800</u>	FINAL DEGREE PROJECT-DUAL MENTION	18	TFG	Annual
<u>16368</u>	ADVANCED EXPERIMENTAL WORK	6	OB	1
<u>20787</u>	CHEMICAL INDUSTRY	12	OB	1
<u>20788</u>	ELECTIVE SUBJECTS IN THE CHEMICAL INDUSTRY 1	12	OP	1
<u>20789</u>	ELECTIVE SUBJECTS IN THE CHEMICAL INDUSTRY 2	12	OP	2

OPTIONAL SUBJECTS

ROUTE: PRACTICAL CHEMISTRY

Code	Subject	Credits	Type	Semester
<u>16377</u>	BIOINORGANIC CHEMISTRY	6	OP	1
<u>16378</u>	COMPUTER CHEMISTRY	6	OP	1
<u>16381</u>	GREEN CHEMISTRY	6	OP	1
<u>16371</u>	PRACTICAL BIOCHEMISTRY AND BIOTECHNOLOGY	6	OP	2
<u>16373</u>	NANOCHEMISTRY	6	OP	2
<u>16374</u>	NATURAL PRODUCTS AND PHARMACEUTICAL CHEMISTRY	6	OP	2
<u>16375</u>	FOOD CHEMISTRY	6	OP	2

Code	Subject	Credits	Type	Semester
<u>16376</u>	ENVIRONMENTAL CHEMISTRY	6	OP	2
<u>16379</u>	FORENSIC CHEMISTRY	6	OP	2
<u>16380</u>	CHEMISTRY FOR AGRICULTURE	6	OP	2

ROUTE: BUSINESS AND CHEMICAL INDUSTRY

Code	Subject	Credits	Type	Semester
<u>16382</u>	EXTERNAL PRACTICAL	6	OP	1 or 2
<u>16383</u>	BUSINESS MANAGEMENT	6	OP	1
<u>16384</u>	QUALITY CONTROL AND ASSURANCE	6	OP	1

CENTRE

Faculty of Sciences

C/ Francisco Tomás y Valiente, 7

Campus de Cantoblanco

28049 – Madrid

Phone: +34 914976879

[Web page](#)